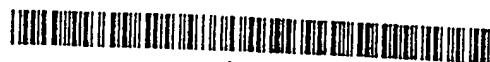


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26. April 2001 (26.04.2001)

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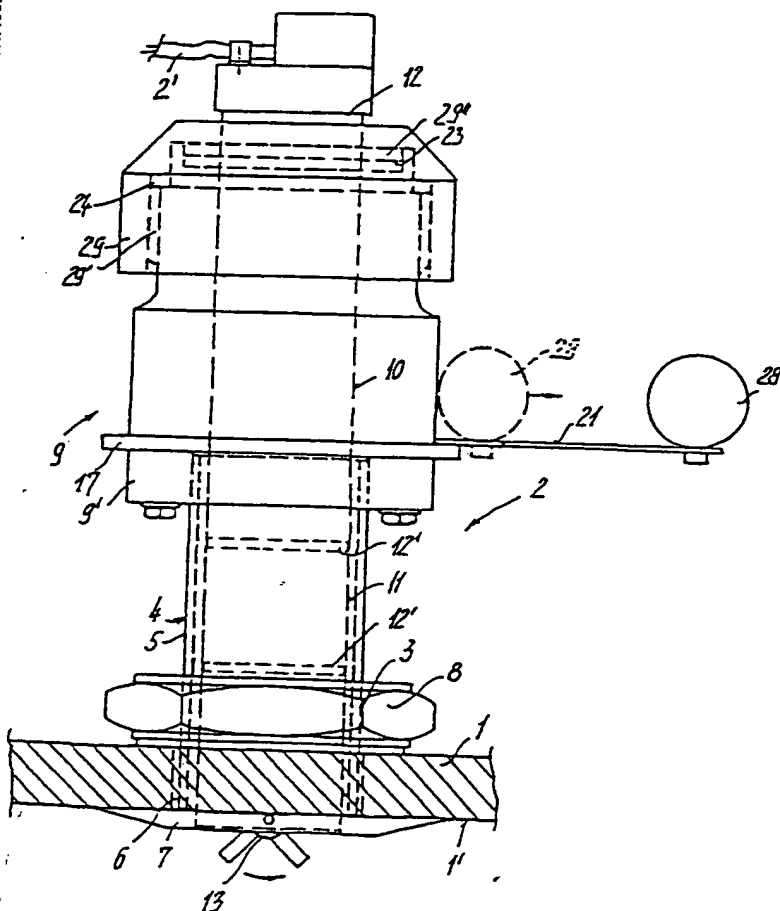
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| (21) Internationales Aktenzeichen: | PCT/EP00/10189 | (72) Erfinder: BAMERT, Hans, Joachim [DE/DE]; Lerchen-
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| (22) Internationales Anmeldedatum: | 17. Oktober 2000 (17.10.2000) | (74) Anwalt: GÖBEL, Matthias; Pruppacher Hauptstrasse
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| (25) Einreichungssprache: | Deutsch | (81) Bestimmungsstaaten (<i>national</i>): AU, US. |
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| (30) Angaben zur Priorität: | 199 50 751.1 21. Oktober 1999 (21.10.1999) DE | |

[Fortsetzung auf der nächsten Seite]

(54) Title: DEVICE FOR HOLDING LOG SENSORS PERTAINING TO BOAT SPEEDOMETERS

(54) Bezeichnung: VORRICHTUNG ZUM HALTERN DES LOGGEBERS VON BOOTSGESCHWINDIGKEITSMESSERN



(57) Abstract: The invention relates to a device for holding log sensors pertaining to boat speedometers comprising a casing body rigidly inserted in a hole in the boat body; said body has a longitudinal opening located in the middle wherein the log sensor, which is provided with an impeller or the like as an impulse element, can be inserted and held in a separately tight in order to prevent water from spilling over into the inside of the boat after removal or insertion of the log sensor. The casing body (4) at the end facing the water comprises a head part (9) which is tightly provided in the middle of the longitudinal opening (11) of the casing body (4) and is connected with an upright coaxial middle opening (10) of the same cross-sectional diameter. The longitudinal and middle openings (10) can tightly receive the log sensor (12). The longitudinal opening (11) and the middle opening (10) can be blocked or opened by a transversely movable tightly, guidable stopper (21) located in said head part (9) according to the position of the speed sensor (12).

(57) Zusammenfassung: Bei einer Vorrichtung zum Haltern des Loggebers von Bootsgeschwindigkeitsmessern mit einem in einer Lochung des Bootskörpers fest angeordneten Hülsekörper mit einer mittigen Längsöffnung in der der mit einem Flügelrad od.dgl. als Impulsglied versehene Loggeber

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INTERNATIONAL SEARCH REPORT

International Application No.

PCT/EP 00/10189

A. CLASSIFICATION OF SUBJECT MATTER
IPC 7 B63B49/00

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 B63B

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X A A	DE 41 31 561 A (WERNER DIETRICH) 1 April 1993 (1993-04-01) the whole document US 5 186 050 A (LAGACE MAURICE P ET AL) 16 February 1993 (1993-02-16)	1, 2, 9, 10, 19, 20 3-8, 11-18

☐ Further documents are listed in the continuation of box C.☒ Patent family members are listed in annex.

* Special categories of cited documents:

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L document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)

O document referring to an oral disclosure, use, exhibition or other means

P document published prior to the international filing date but later than the priority date claimed.

T later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

X document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

Y document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.

** document member of the same patent family

Date of the actual completion of the international search

5 February 2001

Date of mailing of the international search report

12/02/2001

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INTERNATIONAL SEARCH REPORT

Information on patent family members

Interr. Application No

PCT/EP 00/10189

Patent document cited in search report	Publication date	Patent family member(s)	Publication date
DE 4131561	A	NONE	01-04-1993
US 5186050	A	NONE	16-02-1993